

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 10/16/97 are:

- A. ☒ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
- B. ☒ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:</p> <p>Black ink.</p> <p><input checked="" type="checkbox"/> Color drawing are not acceptable until petition is granted. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Pencil and non black ink is not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)</p> <p><input checked="" type="checkbox"/> Photographs are not acceptable until petition is granted.</p> <p><input checked="" type="checkbox"/> 3 full-tone sets are required. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____</p> <p><input checked="" type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)</p> <p><input checked="" type="checkbox"/> Paper not flexible, strong, white and durable. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin). Mylar, vellum paper is not acceptable (too thin). Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:</p> <p><input checked="" type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)</p> <p><input checked="" type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)</p> <p><input checked="" type="checkbox"/> All drawings sheets not the same size. Sheet(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:</p> <p><input checked="" type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11</p> <p><input checked="" type="checkbox"/> Margins not acceptable. Fig(s) <u>1-13</u></p> <p><input checked="" type="checkbox"/> Top (T) _____ Left (L) _____</p> <p><input checked="" type="checkbox"/> Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h)</p> <p>REMINDER: Specification may require revision to correspond to drawing changes.</p> <p><input checked="" type="checkbox"/> Views connected by projection lines or lead lines. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)</p> <p><input checked="" type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Views not labeled separately or properly. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____</p>	<p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)</p> <p><input checked="" type="checkbox"/> Hatching not indicated for sectional portions of an object. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)</p> <p><input checked="" type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Views not on the same plane on drawing sheet. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)</p> <p><input checked="" type="checkbox"/> Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)</p> <p><input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig(s) <u>1-16</u></p> <p>11. SHADING. 37 CFR 1.84(m)</p> <p><input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)</p> <p><input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Figure legends are poor. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p><input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____</p> <p><input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) <u>1-13</u></p> <p>13. LEAD LINES. 37 CFR 1.84(q)</p> <p><input checked="" type="checkbox"/> Lead lines cross each other. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)</p> <p><input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)</p> <p><input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)</p> <p><input checked="" type="checkbox"/> Corrections not made from PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152</p> <p><input checked="" type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____</p> <p><input checked="" type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____</p>
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COMMENTS

REVIEWER Rod Koker

DATE 06/25/98

TELEPHONE NO. 703 305 8404

ATTACHMENT TO PAPER NO. _____

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